JDExperts Sp. z o.o.

JDFASTR for E1

User's Manual

2011-03-07

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2 HISTORY OF CHANGES

3 PREFACE

JDFASTR is a universal tool to populate and present information in JDE EnterpriseOne environment.

Using this tool users may set up custom defined sheets of values with unlimited number of columns and rows.

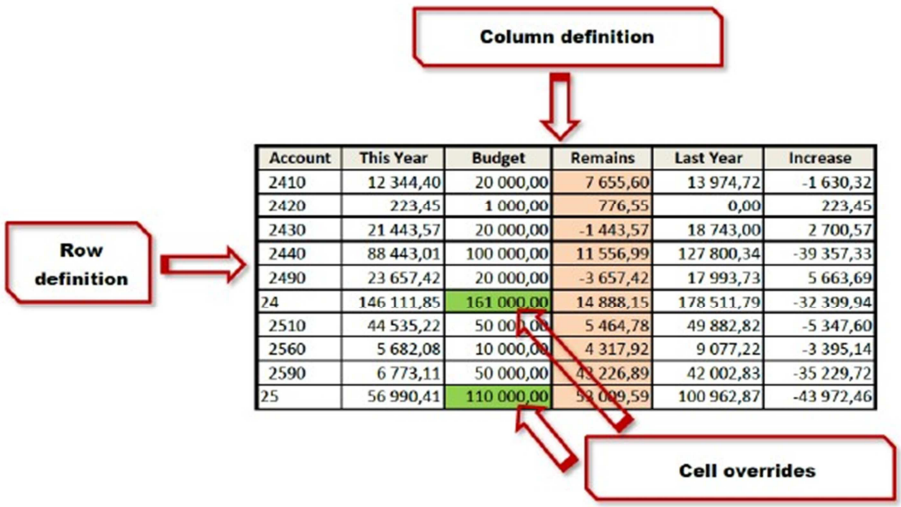
Based on the setup the tool calculates values of all the cells of the sheet and presents the calculated data to the user.

Typically this tool may be used for balance sheet or cash flow.

4 JDFASTR Report Setup Information

As a universal tool JDFASTR requires a setup of custom report.
The setup contains three important parts:

- row definition
- column definition
- cell overrides.



Account	This Year	Budget	Remains	Last Year	Increase
2410	12 344,40	20 000,00	7 655,60	13 974,72	-1 630,32
2420	223,45	1 000,00	776,55	0,00	223,45
2430	21 443,57	20 000,00	-1 443,57	18 743,00	2 700,57
2440	88 443,01	100 000,00	11 556,99	127 800,34	-39 357,33
2490	23 657,42	20 000,00	-3 657,42	17 993,73	5 663,69
24	146 111,85	161 000,00	14 888,15	178 511,79	-32 399,94
2510	44 535,22	50 000,00	5 464,78	49 882,82	-5 347,60
2560	5 682,08	10 000,00	4 317,92	9 077,22	-3 395,14
2590	6 773,11	50 000,00	43 226,89	42 002,83	-35 229,72
25	56 990,41	110 000,00	53 009,59	100 962,87	-43 972,46

Figure 1. JDFASTR. Setup of custom report.

Row definition influences the number of rows and also the values in the rows. The values in each row refer to the "key" of the row which is an account in this example.

There are two possibilities how to define the rows. Either manually (which means each row must be defined separately) or from report data selection and sequencing (rows are automatically generated on each specified level break).

Column definition specifies number of columns and the logic for each of them. Values in column may be retrieved from the database or calculated from another values of the report (for example column 4 equals to column 3 minus column 2).

Cell overrides are only supported for reports with manually defined rows. If a cell override is used, it replaces the column definition.

Each row, column or cell definition may also specify a background colour (see orange column "Remains" and green cell overrides in the example above).

4.1 General Setup Information

In the definition of row, column or cell we specify so called formula. This formula contains algebraic expression that may include constants, functions and global variables.

4.1.1 Supported functions

In the definition of row, column or cell users specify so called formula.
This formula contains algebraic expression that may include constants, functions and global variables. The following functions are supported:

Function	Description	Row Definition	Column / Cell Definition
SELECT(*selection*)	Simple select of data from the database	X	X
PERIODBALANCE(*selection;period*)	Use for balance files to obtain value of a period		X
YTDBALANCE(*selection;period*)	Use for balance files to obtain year to date value		X
INCEPTIONTODATE(*selection;period*)	Use for balance files to obtain inception to date		X
PERIODCREDIT(selection;period)	Use for balance files to obtain period credit		X
PERIODDEBIT(selection;period)	Use for balance files to obtain period debit		X
YTDCREDIT(selection;period)	Use for balance files to obtain year to date credit		X
YTDDEBIT(selection;period)	Use for balance files to obtain year to date debit		X
UDC(*system;UDCcode;key*)	Retrieves the Description 1 of any UDC	X	X
IF(*condition;iftrue;iffalse*)	Conditional expression (Excel like)		
TRANS(key)	To support a text in several languages	X	X
LANGUAGE(key)	To support a text in several languages	X	X
VIEW(*alias*)	Returns value of a field in main sequencing		X
TRIM(*text*)	Trims blanks on left and right		X
RTRIM(*text*)	Trims blanks on right		X
LEVEL()	Returns sequencing level for reports based on main data selection (see sequencing setup, starts with 1)		X
DESCR(*alias;value*)	Retrieves DD description for passed alias and value		X

Figure 2. JDFASTR. Supported functions.

Below in Italics please find a description of the values in brackets.

* ***selection*** - reference to a selection setup (define data selection to use, see examples above),
* ***period*** - specifies a period number,
* ***system*** - JDE system code,
* ***UDCcode*** - User Defined Codes (name of the UDC within the system code),
* ***key*** - value of the UDC,
* ***condition*** - any evaluable condition, for example 100>0 (value of 100 would be calculated by another function),
* ***iftrue***, ***iffalse*** - result of the function in case the condition is true / false,
* ***alias*** - alias of a DD item that is part of main selection, for reports based on data selection it must exist in sequencing, for the manually defined it must exist in the row data selection,
* ***text*** - any text to be trimmed.

4.1.2 Supported global variables

In the formula users may also specify any of the following global variables.
Each variable must be closed in brackets [] and preceded with a *, for example [*NAME]. The variables are case sensitive.
Please find a list of available global variables in Figure 3.

Variable	Description
FROM, THRU	Dates from and thru
ROWID, COLID	Actual row id, actual column id
STR1..STR3	Additional text parameters for selection setup
NUM1	Additional numeric parameter for selection setup
CO	Company ID
TODAY	Today's date
NAME	Name of current user
FIRSTNAME	First name of current user
SURNAME	Surname of current user
PN	Chosen period number
FY, YEAR	Fiscal year (2 or 4 digits)
FASTR	Name of current JDFASTR report
DESC	Description of current JDFASTR report
VALUE	Used by Row Description setup to get the actual value of the sequenced field (see below)

Figure 3. Supported Global Variables.

4.1.3 User defined constants

Apart from these predefined variables, users may define their own constants.

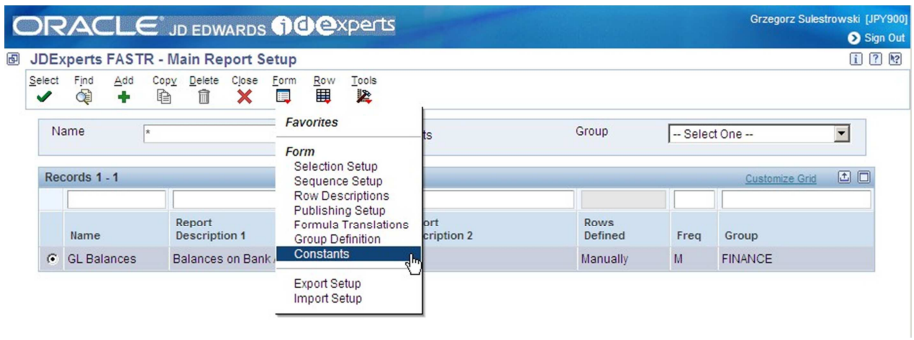


Figure 4. P59FAST – JDExperts FASTR – Main Report Setup. Constants.

Use Form exit "**Constants**" in **P59FAST – JDExperts FASTR – Main Report Setup**.
FASTR – User defined constants screen is opened.
Navigation is done by standard JDE navigation buttons.
Users can Add new or Revise and Review or Delete an existing Constants.

Figure 5. FASTR. User Defined Constatns.

By clicking the "**Add**" button on **FASTR – User Defined Constants** users can add a new constants. The **Revise User Defined Constants** screen is opened.

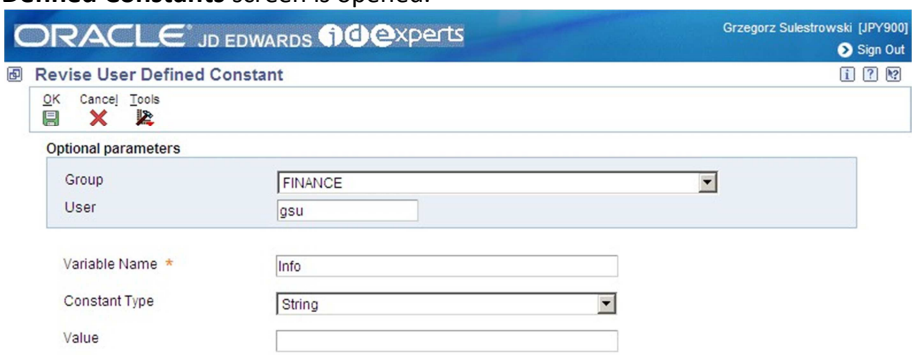


Figure 6. Revise User Defined Constants.

String, numeric or date constant for a specified group of reports or for all. Constants may be user related or may be valid for all users.

As users have to define a value to the constant the program calls it a variable. This variable is available in data selections, sequencings and formulas and can be reffered to by [**variable_name*].

After populating all required fields click the "OK" button to save

4.1.4 Referring other rows, columns and cells

Users may also refer values of other cells:

Definition type	Format	Explanation
Row	[#rowid]	Refers value of the cell in the same column and specified row
Column	[#colid]	Refers value of the cell in the same row and specified column
Cell override	[#rowid;colid]	Refers value of the specified cell

Figure 7. Row, column and cell reference.

4.1.5 Supported operators

When you define any kind of data selection setup, the following operators are supported:

Operator	Explanation	Num of values
EQ	Equals	1
NE	Not equals	1
GE	Greater or equal	1
GT	Greater	1
LE	Less or equal	1
LT	Less	1
LIKE	Similar (use % instead of *)	1
VALUE	In a list of values (semicolon separated)	>1
RANGE	In the range (semicolon separated)	2
NRANGE	Out of the range (semicolon separated)	2

Figure 8. Supported operators .

4.1.6 Formatting of values

Although users may define a general formatting of numbers for the whole report (by fields Division factor and Suppress Zeros on the revision form of report definition), it is also possible to specify formatting on the Cell, Column

or Row level.

The supported shortcuts are described in the following table, incorrect values or shortcuts not applicable to the appropriate type are ignored.

Shortcut	Parameter type	Applicable to	Description
Rnn	numeric	Numbers	Rounds value to specified number of decimals
Znn	numeric	All types	Adds zeros on the left to the size of nn characters
Bnn	numeric	All types	Adds blanks on the left to the size of nn characters
YMD	-	Dates	Formats date where Y=4 digits year, M=2 digits month, D=2 digits day, all other characters are copied, so for example YYYY-MM-DD will be 2011-07-21, DD/MM/YYYY will be 21/07/2011
Inn	numeric	Numbers	Divides number by the specified parameter and rounds, for example I1000 will present values in thousands

Figure 9. Formatting of values.

It is also possible to combine the shortcuts, examples for value 12345,67:
R0 Z10 -> "0000012345"
I1000 B5 -> " 12" (3 blanks)

4.1.7 Groups

All reports, selections, sequencings and other features may be sorted to groups. Groups improve the accessibility of the definitions, fasten work with JDFASTR and also allow definition of user rights (see below). For example, if we

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define a data selection that makes sense for financial reports only, we can put it to a group named FINANCE.

By default this selection will only be available for those reports that also belong to group FINANCE, moreover selections from other groups will be hidden by default. A user having rights to group FINANCE can then use/work with the

selection while users without proper rights can't.

Groups can be defined using the **Group Definition** from the **Form** menu in the application **P59FAST – JDExperts FASTR – Main Report Setup**.

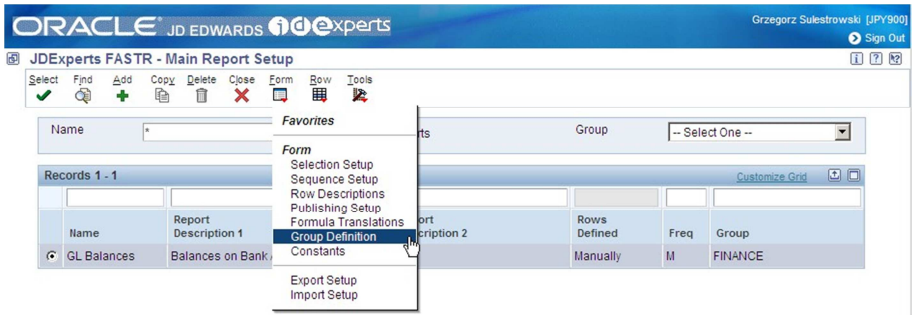

Figure 10. P59FAST – JDExperts FASTR – Main Report Setup. Group Definition.

FASTR – Report Groups application is opened.

Figure 11. FASTR – Report Groups.

Report Group Name and Description need to be entered.
After populating all required fields click the "**OK**" button to save the setup and return to **P59FAST – JDExperts FASTR – Main Report Setup** screen.

4.1.8 User rights

To protect the setup of reports, allow or disallow usage of selections and sequencings and allow users to execute reports user rights need to be defined. If a user creates a new setup, he has full rights to it automatically, also based on the used group other users may have immediate access to it.

User rights can be defined in a specially dedicated application **P59FASTR – User Rights**.

.

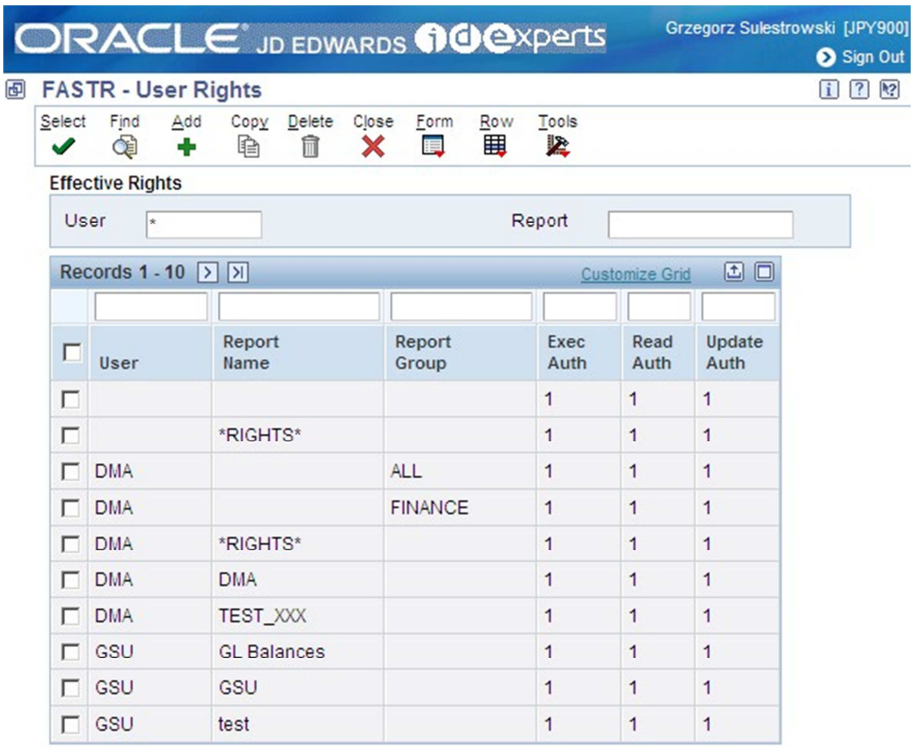

Figure 12. P59FASTR – User Rights.

A list of existing effective user rights is shown in the grid.
Navigation is done by standard JDE navigation buttons.
Users can Add new or Revise and Review, Copy or Delete an existing User Rights.

By clicking the "Add" button on **P59FASTR – User Rights** users can add a new user rights. The **Revise User Rights** screen is opened.

Figure 13. Revise User Rights.

Each user right is defined for a user, optionally report name or a group of reports may be filled.
To grant rights to modify the user rights special keyword *RIGHTS* is used in field Report Name.

Types of user rights:

- **read** - grants access to see the setup and use it,
- **update** - grants rights to update the setup,
- **execute** - grants rights to use the setup (for the main report definition only, no effect for selections and sequencings).

4.2 Report Setup

To be able to use the JDFASTR reports user need to prepare a new Report Setup first.

This is done in the application **P59FAST – JDExperts FASTR – Main Report Setup**.

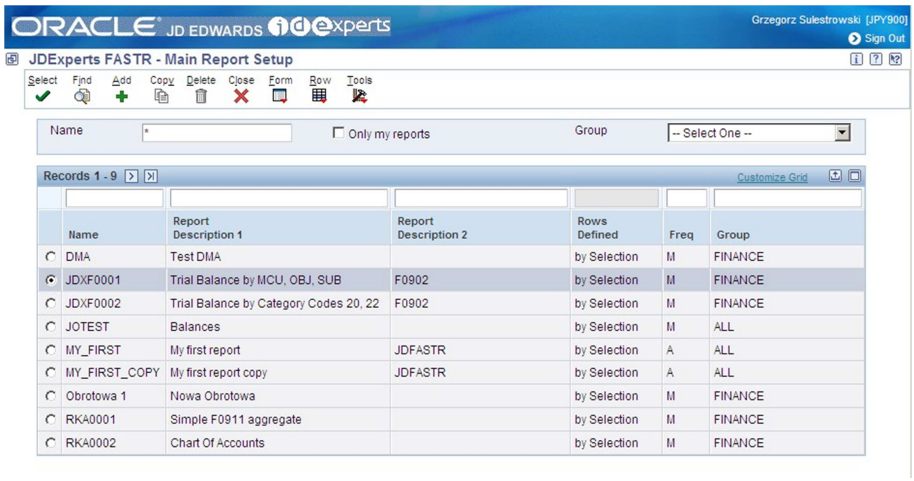
ORACLE JD EDWARDS jdexperts
Grzegorz Sulestrowski [JPY900]
Sign Out
JDExperts FASTR - Main Report Setup
Select Find Add Copy Delete Close Form Row Tools
Name
Only my reports
Group
-- Select One --
Records 1 - 9
Customize Grid
Name
Report Description 1
Report Description 2
Rows Defined
Freq
Group
DMA Test DMA by Selection M FINANCE
JDXF0001 Trial Balance by MCU, OBJ, SUB F0902 by Selection M FINANCE
JDXF0002 Trial Balance by Category Codes 20, 22 F0902 by Selection M FINANCE
JOTEST Balances by Selection M ALL
MY_FIRST My first report JDFASTR by Selection A ALL
MY_FIRST_COPY My first report copy JDFASTR by Selection A ALL
Obrotowa 1 Nowa Obrotowa by Selection M FINANCE
RKA0001 Simple F0911 aggregate by Selection M FINANCE
RKA0002 Chart Of Accounts by Selection M FINANCE

Figure 14. P59FAST – JDExperts FASTR – Main Report Setup.

A list of existing reports is shown in the grid.
Navigation is done by standard JDE navigation buttons.

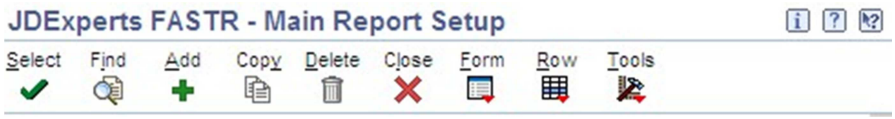

Figure 15. P59FAST – JDExperts FASTR – Main Report Setup. Navigation buttons.

Users can Add new or Revise and Review, Copy or Delete an existing Report Setup.

By clicking the "Add" button on **P59FAST – JDExperts FASTR – Main Report Setup** users can add a new report setup. The **Revise Report Setup** screen is opened.

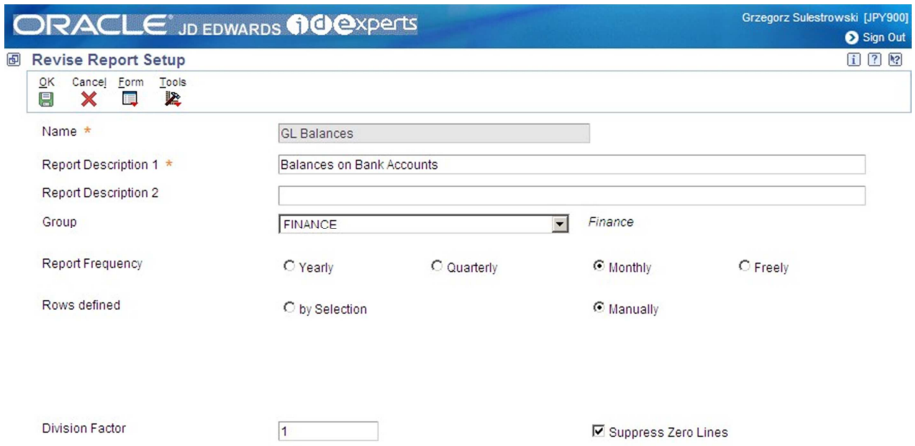

Figure 16. Revise Report Setup. Adding a new setup.

Now all required fields need to be populated:

a. **Name** – a name of the current report setup.

b. **Report Description** - additionally to the name, a description needs to be entered.

c. **Group** – all reports, selections, sequencings and other features may be sorted to groups. Groups improve the accessibility of the definitions, improve work with JDFASTR.

d. **Report Frequency** - this parameter indicates how often a recurring report.
e. **Rows defined** – this option determines how are rows defined(by Selection or Manually
f. **Division Factor** - Determines how the displayed amounts appear.
e. **Suppress zero lines** – If this option is selected accounts with zero balances are not processed. If this option is not selected, all accounts will be processed.

After populating all required fields click the "**OK**" button to save the setup and return to **P59FAST – JDExperts FASTR – Main Report Setup** screen.

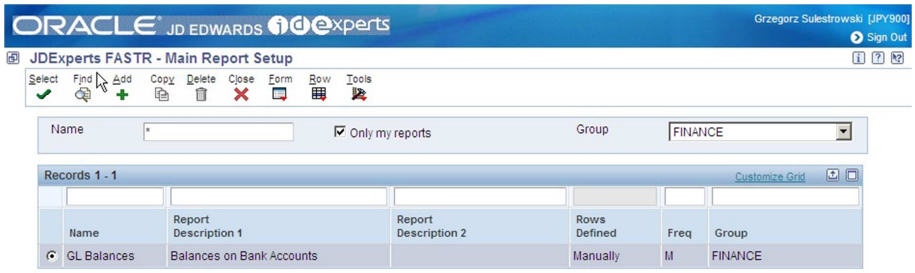

Figure 17. P59FAST – JDExperts FASTR – Main Report Setup screen. Limiting records shown.

Additionally Users can limit the records shown in the grid by selecting the "**Only my reports**" or selecting a **Group**.

4.3 Selection Setup

The following paragraph will focus on setup of data selection for the report setup.

Selections are predefined selection criteria used by all commands and formulas intended to select data from the database and present it in row, columns or cells.

To be able to work with selections on **P59FAST – JDExperts FASTR – Main Report Setup** use the **Selection setup** on the Form menu.

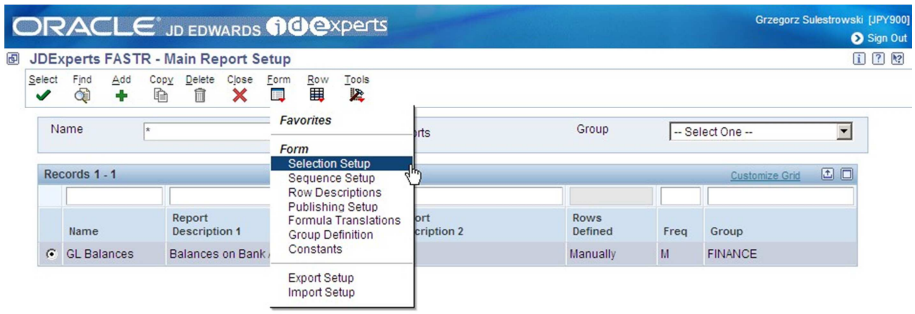

Figure 18. P59FAST – JDExperts FASTR – Main Report Setup. Form-Selection setup.

FASTR – Selection Setup screen is opened.

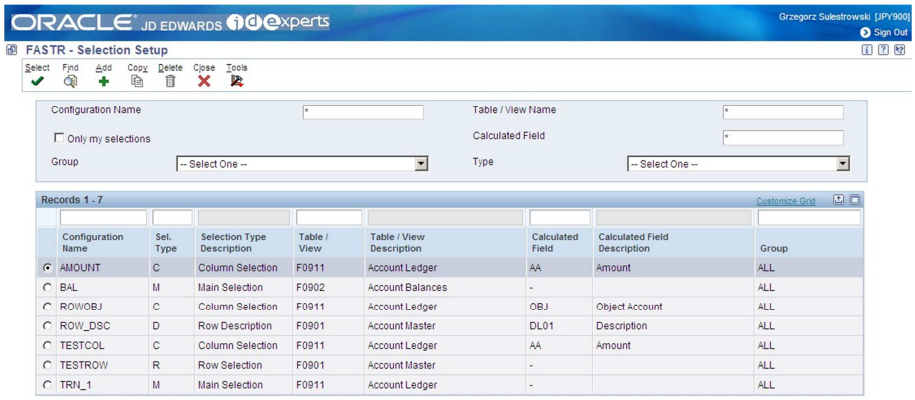
ORACLE JD EDWARDS jdexperts
Grzegorz Sulestrowski [JPY900]
Sign Out
FASTR - Selection Setup
Select Find Add Copy Delete Close Tools
Configuration Name
Only my selections
Group
-- Select One --
Table / View Name
Calculated Field
Type
-- Select One --
Records 1 - 7
Customize Grid
Configuration Name
Sel. Type
Selection Type Description
Table / View
Table / View Description
Calculated Field
Calculated Field Description
Group
AMOUNT C Column Selection F0911 Account Ledger AA Amount ALL
BAL M Main Selection F0902 Account Balances - ALL
ROWOBJ C Column Selection F0911 Account Ledger OBJ Object Account ALL
ROW_DSC D Row Description F0901 Account Master DL01 Description ALL
TESTCOL C Column Selection F0911 Account Ledger AA Amount ALL
TESTROW R Row Selection F0901 Account Master - ALL
TRN_1 M Main Selection F0911 Account Ledger - ALL

Figure 19. FASTR – Selection Setup screen.

A list of existing selections is shown in the grid.
Navigation is done by standard JDE navigation buttons.

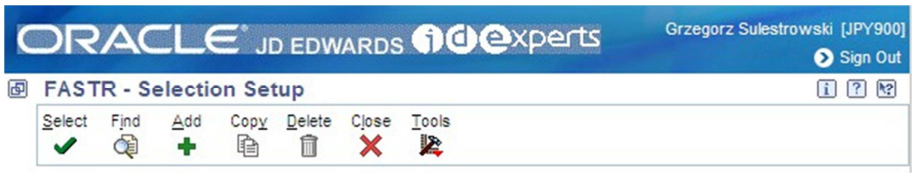
ORACLE JD EDWARDS jdexperts
Grzegorz Sulestrowski [JPY900]
Sign Out
FASTR - Selection Setup
Select Find Add Copy Delete Close Tools

Figure 20. FASTR – Selection Setup. Navigation buttons.

Users can Add new or Revise and Review, Copy or Delete an existing Selection Setup.

4.3.1 Row selection setup.

The data selection for rows represent the selection criteria to be used in the rows of the JDFASTR report.

By clicking the "Add" button on **FASTR – Selection Setup** screen users can create a new selection setup. **Revise Selection Setup** screen is opened.

Figure 21. Revise Selection Setup screen. Row selection.

The Figure 21. Revise Selection Setup screen. Row selection. shows an example of data selection for rows.

Data is selected from the table **F0911**, the **Company** provided by the user, **Object Account** equal to "1110", **Subledger** specified in the row definition by the reference[*STR1] and **Ledger Type**='AA'.

All values in the header need to be populated first:

a. **Configuration Name** – a name to be used for current selection.
b. **Group** – all reports, selections, sequencings and other features may be sorted to groups. Groups improve the accessibility of the definitions, improve work with JDFASTR.
c. **Table Name** – a JDE database table/or business view from where the data will be selected.
d. **Selection Type** – a type of data selection.

When all fields in the header are filled properly, the records in the grid need to be populated:

a. **Condition –** this parameter defines the conditions in each line to be met in the selection (the first row must have AND). AND has higher priority than OR.
b. **Data Item** – a parameter indicating a field in the specified **Table Name**.
c. **Operator** – a parameter that specifies an operand used for **Data Item** and **Value** specified.

Below is a list of valid values:

EQ	Equal
GE	Greater or Equal
GT	Greater
HNDL	Table Handle
LE	Less Than or Equal
LIKE	% used as wildcard (e.g. VAT%)
LT	Less Than
NE	Not Equal
NRANGE	Not Between
RANGE	Between
UDC	User Defined Code
VALUE	In a List
ZLNGTH	Allocated Length (VARLEN flds)

Figure 22. Selection Setup Revision. Operator - list of values.

d. **Value** – a parameter that specifies the value of the **Data Item** used in the current line.
e. **Line ID** – unique line number of current record in the grid.

After populating all required fields click the "**OK**" button to save the selection and return to **FASTR – Selection Setup** screen.

4.3.2 Column selection setup

The data selection for columns represent the selection criteria and logic to be used in the columns of the JDFASTR report.

By clicking the "Add" button on **FASTR – Selection Setup** screen users can create a new selection setup. **Revise Selection Setup** screen is opened.

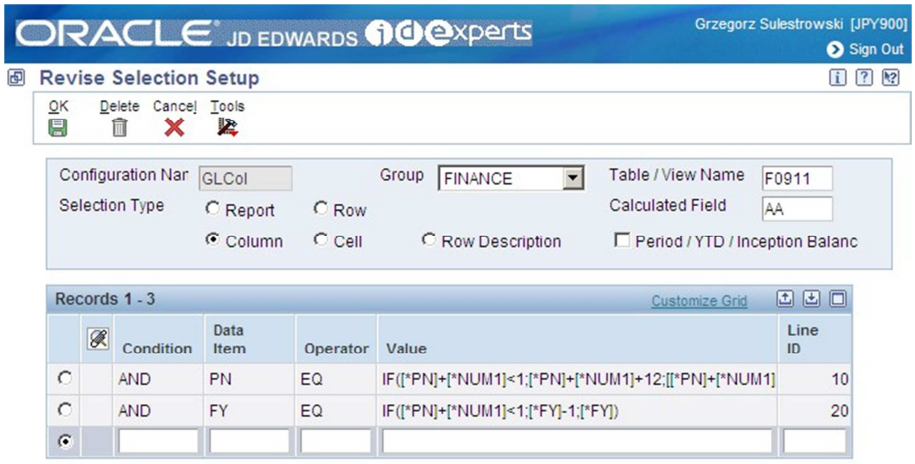

Figure 23. Revise Selection Setup screen. Column selection definition.

The Figure 23. shows an example of data selection for rows.

All required fields are described in the paragraph **4.3.1**.Row selection setup.

Additionally to the row selection there are two additional options:

a. **Calculated Field** – a parameter that specifies which field will be accumulated (for numeric fields) or picked (the first found) for string / char / date.
b. **Period/YTD/Inception Balance** – this option needs to be checked if the user requires retrieving Account Balances.

After populating all required fields click the "**OK**" button to save the selection and return to **FASTR – Selection Setup** screen.

4.3.3 Report selection setup

The data selection for reports represent the selection criteria and logic to be used in the row definition by selection of the JDFASTR report. This is similar to normal data selection in JDE.

By clicking the "Add" button on **FASTR – Selection Setup** screen users can create a new selection setup. **Revise Selection Setup** screen is opened.

Figure 24. Revise Selection Setup screen. Report selection definition.

In this example Data is selected from the table **F0902**, the **Object Account** is in range "1110-1222", the **Ledger Type**='AA' and the **MCU**="1".

All required fields are described in the paragraph **4.3.1**.

After populating all required fields click the "**OK**" button to save the selection and return to **FASTR – Selection Setup** screen.

4.4 Sequencing setup

To be able to work with selections on **P59FAST – JDExperts FASTR – Main Report Setup** use the **Sequence setup** on the Form menu.

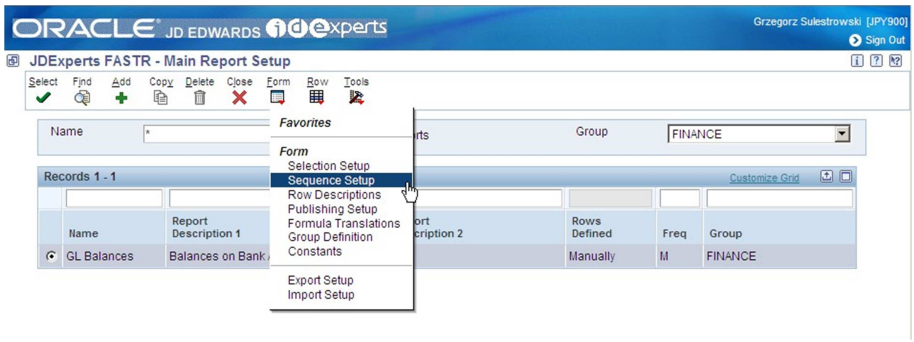

Figure 25. P59FAST – JDExperts FASTR – Main Report Setup. Form-Sequence setup.

FASTR – Sequence Setup screen is opened.

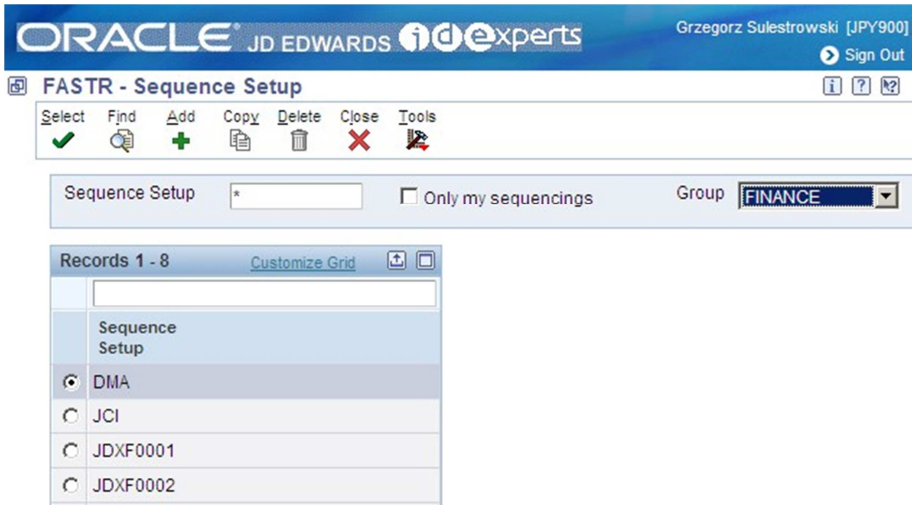

Figure 26. FASTR. Sequence Setup.

A list of existing selections is shown in the grid.

Navigation is done by standard JDE navigation buttons.

By clicking the "Add" button on **FASTR – Selection Setup** screen users can create a new selection setup. **Revise Selection Setup** screen is opened.

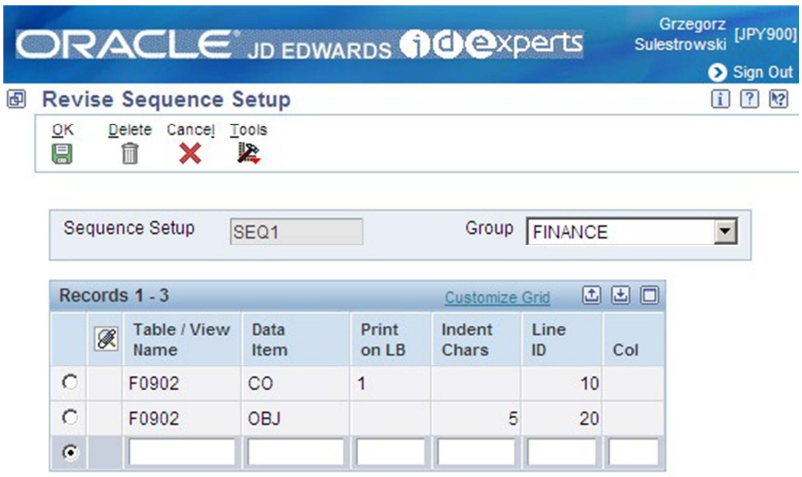

Figure 27. Revise Sequence Setup.

The following values need to be defined:

a. **Table Name** – a JDE database table/or business view from where the
b. **Data Item** – a parameter indicating a field in the specified **Table Name**.
c. **Print on LB** – specifies if the report should export a row on change of the value
d. **Indent chars** - how many blanks will be added in front of the row description.
e. **LindID** - defines the priority of the fields in the sequencing.

After populating all required fields click the "**OK**" button to save the sequence and return to **FASTR – Sequence Setup** screen.

4.5 Row definition

Row definition influences the number of rows on the report and also the values in the rows. The values in each row refer to the "key" of the row.

There are two possibilities how to define the rows. Either manually (which means each row must be defined separately) or from report data selection and sequencing (rows are automatically generated on each specified level break).

As mentioned above there are two possibilities how to define rows of the report. The differences are listed in Figure 28. Row definition. Differences.

Feature	Manually defined rows	Rows defined by data selection
Each row is defined separately	Yes	No
Always have the same number of rows	Yes	No
Supports row formula	Yes	No
Supports cell overrides	Yes	No
Supports different color of a row or a cell	Yes	No
Is easy and fast to create	No	Yes
May require changes if new key values (for example accounts) are created	Yes	No
User defined row description (first column)	Yes	No

Figure 28. Row definition. Differences.

4.5.1 Manual row definition

Define rows one by one, you may specify row number (which is a code of the row), row description (usually the first column), formula (supports SELECT function and references to other rows), string and numeric parameters (to be

used by SELECT function) and color override. The rows will be sorted by SeqID (sequence).

To be able to work with row definition on **P59FAST – JDExperts FASTR – Main Report Setup** select a report setup from the grid and use the **Row definition** from the **Row** menu.

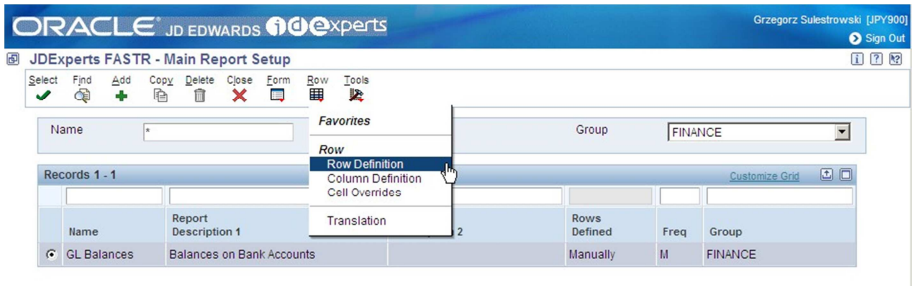

Figure 29. P59FAST – JDExperts FASTR – Main Report Setup. Row-Row definition.

Revise Row Definition screen is opened.

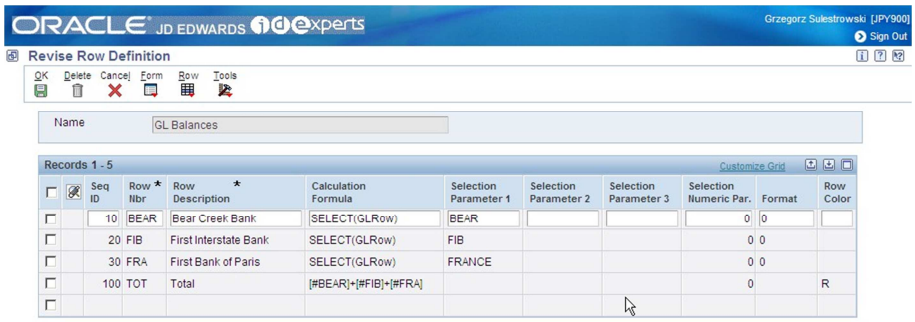
ORACLE JD EDWARDS jdexperts
Grzegorz Sulestrowski [JPY900]
Sign Out
Revise Row Definition
OK Delete Cancel Form Row Tools
Name GL Balances
Records 1 - 5
Customize Grid
Seq ID | Row Nbr | Row Description | Calculation Formula | Selection Parameter 1 | Selection Parameter 2 | Selection Parameter 3 | Selection Numeric Par. | Format | Row Color
10 BEAR Bear Creek Bank SELECT(GLRow) BEAR 0 0
20 FIB First Interstate Bank SELECT(GLRow) FIB 0 0
30 FRA First Bank of Paris SELECT(GLRow) FRANCE 0 0
100 TOT Total [#BEAR]+[#FIB]+[#FRA] 0 R

Figure 30. Revise Row Definition screen.

The Figure 30. Revise Row Definition screen.shows an example of **Row Definition**.

Basically users define rows one by one.

The following fields in the grid need to be populated:

a. **Seq ID** – the rows will be sorted in given numeric sequence.
b. **Row Nbr** – all reports, selections, sequencings and other features may be sorted to groups. Groups improve the accessibility of the definitions, improve work with JDFASTR.
c. **Row description** – row description (usually the first column).
d. **Calculation formula** – formula supports SELECT function and references to other rows.
e. **Selection Parameters 1-3** – a reference value passed to [*STR1][*STR2][*STR3] variable in the predefined Selection. Please refer to Figure 33. Row Selection. Reference to [*STR1].
f. **Selection Numeric Parameter** – numeric parameter to be used by SELECT function.
g. **Format** – a type of data selection.
h. **Row Color** – row color override.

To use predefined **Row Selection** enter formula manually in the calculation formula filed or use the **Select** option from the **Row** menu.

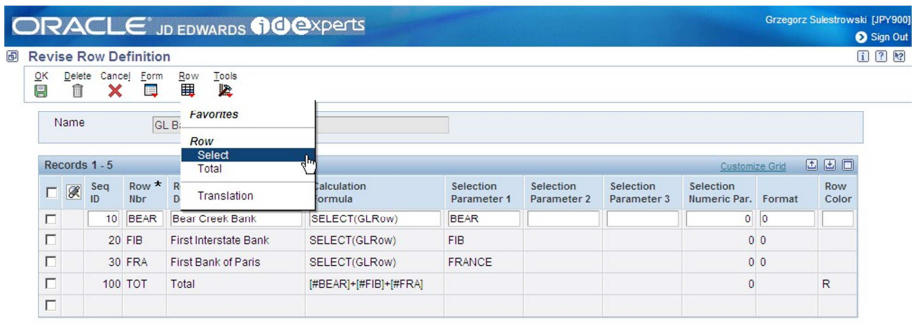
ORACLE JD EDWARDS jdexperts
Grzegorz Sulestrowski [JPY900]
Sign Out
Revise Row Definition
OK Delete Cancel Form Row Tools
Favorites
Row
Select
Total
Translation
Name
Records 1 - 5
Customize Grid
Seq ID | Row Nbr | Calculation Formula | Selection Parameter 1 | Selection Parameter 2 | Selection Parameter 3 | Selection Numeric Par. | Format | Row Color
10 BEAR Bear Creek Bank SELECT(GLRow) BEAR 0 0
20 FIB First Interstate Bank SELECT(GLRow) FIB 0 0
30 FRA First Bank of Paris SELECT(GLRow) FRANCE 0 0
100 TOT Total [#BEAR]+[#FIB]+[#FRA] 0 R

Figure 31. Row definition. Row-Select.

A list of predefined **Selections** is opened in the **Search & Select Selection** screen.

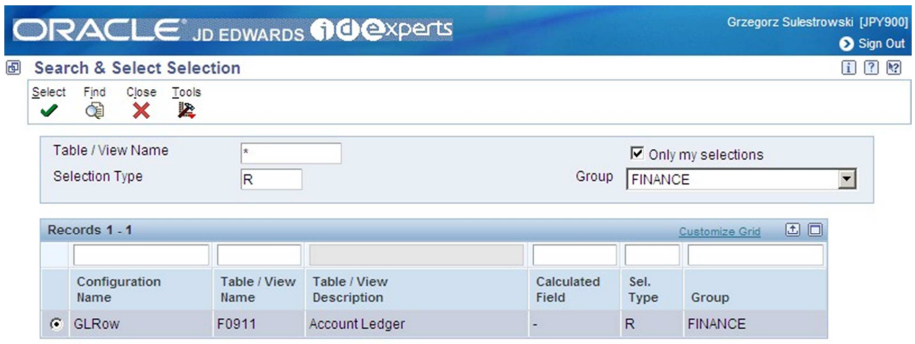
ORACLE JD EDWARDS jdexperts
Grzegorz Sulestrowski [JPY900]
Sign Out
Search & Select Selection
Select Find Close Tools
Table / View Name *
Selection Type R
Only my selections
Group FINANCE
Records 1 - 1
Customize Grid
Configuration Name | Table / View Name | Table / View Description | Calculated Field | Sel. Type | Group
GLRow F0911 Account Ledger - R FINANCE

Figure 32. Search & Select Selection screen.

Choose selection and click "**Select**". The selection will be populated in the Calculation formula field.

Figure 33. Row Selection. Reference to [*STR1].

Also simple algebraic functions may be used with reference to other rows. Users may also use the **Total** option from the **Row** menu to select required rows.

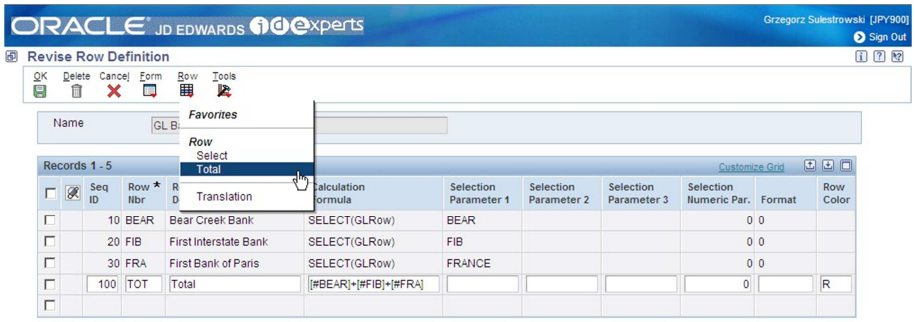

Figure 34. Revise Row Definition. Total.

Figure 35. Row selection to Total.

After all rows are defined, click "OK" to save the definition. Click "Cancel" to return to **P59FAST – JDExperts FASTR – Main Report Setup** screen.

4.5.2 Row definition by data selection

In the row definition by data selection, the rows are not defined manually but are defined by Report **Selection Setup** and **Sequencing Setup**.

Report selection setup is described in paragraph **4.3.3** and sequencing setup is described in paragraph **4.4**.

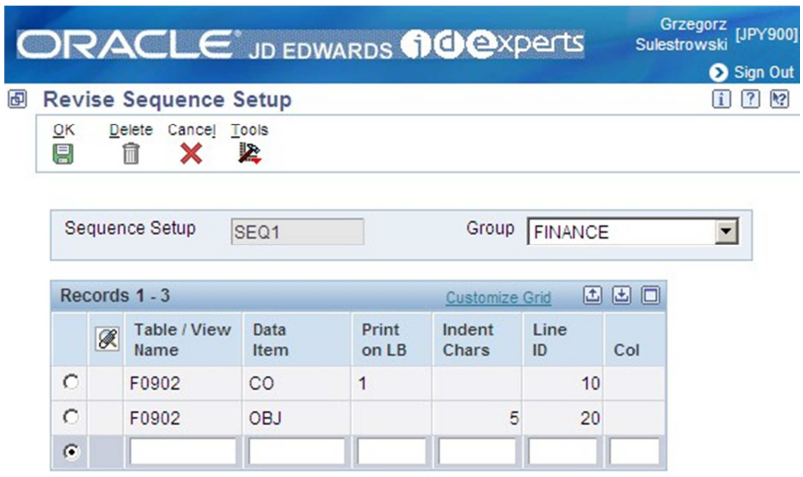

Figure 36. Sequence Setup example.

Figure 37. Report Selection example.

The above mentioned combination of **data selection** and **data sequencing** will produce list of rows for example like this:

Row Description	This Year
1110 - Cash in Banks	149775.86
1131 - Certificates of Deposit	50000.00
1210 - Trade Accounts Receivable	4253350.07
1215 - Allow for Doubtful Accounts	32.72
1218 - Finance Charges Receivable	.00
1222 - Drafts Receivable	375.00
00001 - Financial/Distribution Company	4453533.65

Figure 38. Report with rows defined by data selection.

The first 6 lines are generated for the sequence line 2 (data item OBJ, Object Account, text indent of 5 spaces), the last line was generated for the sequence line 1 (CO, Company, no indent).

4.6 Column definition

To be able to work with column definition on **P59FAST – JDExperts FASTR – Main Report Setup** select a report setup from the grid and use the **Column Definition** from the **Row** menu.

Figure 39. P59FAST – JDExperts FASTR – Main Report Setup. Column Definition.

The **Revise Column Definition** screen is opened.

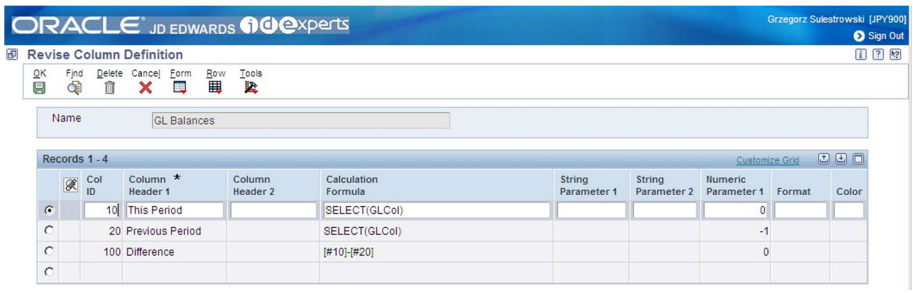

Figure 40. Revise Column Definition.

a. **ColID** - is the sequence id of the column,
b. **Column Header** – name of the column header,
c. **Calculation formula** – formula supports SELECT function and references to other rows,
d. **Selection Parameters 1-3** – a reference value passed to [*STR1][*STR2][*STR3] variable in the predefined Selection.
e. **Selection Numeric Parameter** – numeric parameter to be used by SELECT function.
f. **Format** – a type of data selection.
g. **Color** – color override.

After all details are defined, click "OK" to save the definition. Click "Cancel" to return to **P59FAST – JDExperts FASTR – Main Report Setup** screen.

4.7 Cell overrides

To be able to work with column definition on **P59FAST – JDExperts FASTR – Main Report Setup** select a report setup from the grid and use the **Cell Overrides** from the **Row** menu.

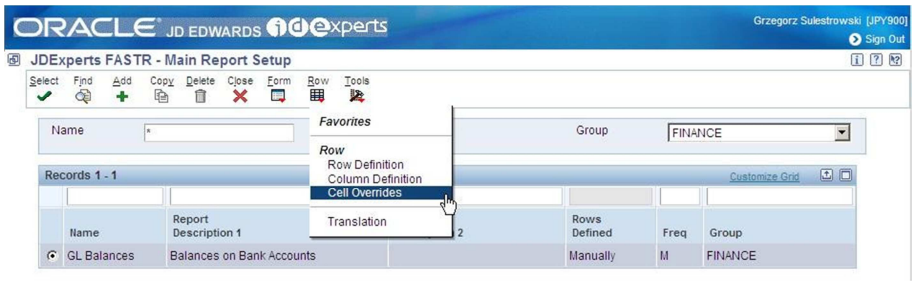

Figure 41. P59FAST – JDExperts FASTR – Main Report Setup. Cell Overrides.

The **Revise Cell Overrides** screen is opened.

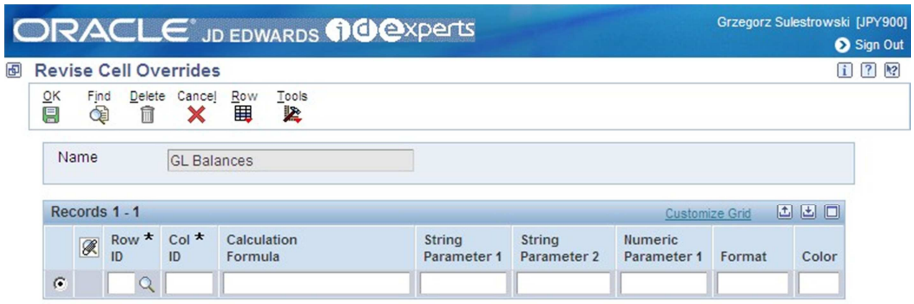

Figure 42. Revise Cell Overrides.

The **Row ID** and **Col ID** represent the Row and Column defined in the row and column definition. The other parameters are:

a. **Calculation formula** – formula supports SELECT function and references to other rows.
b. **Selection Parameters 1-3** – a reference value passed to [*STR1][*STR2][*STR3] variable in the predefined Selection. Please refer to Figure 33. Row Selection. Reference to [*STR1].
c. **Numeric Parameter** – numeric parameter to be used by SELECT function.
d. **Format** – a type of data selection.
e. **Color** – row color override.

After all details are defined, click "OK" to save the definition. Click "Cancel" to return to **P59FAST – JDExperts FASTR – Main Report Setup** screen.

5 Working with reports – P59FASTV

5.1 Running the report

After the setup is finished, users can start running the report for a given fiscal year and period.

This is done in the application **P59FASTV – JDExperts FASTR – Available Reports**.

Figure 43. P59FASTV – JDExperts FASTR – Available Reports.

A list of existing Reports is shown in the grid.

Select the required setup by clicking the "**Select**" button.

FASTR – Calculate Report screen is opened.

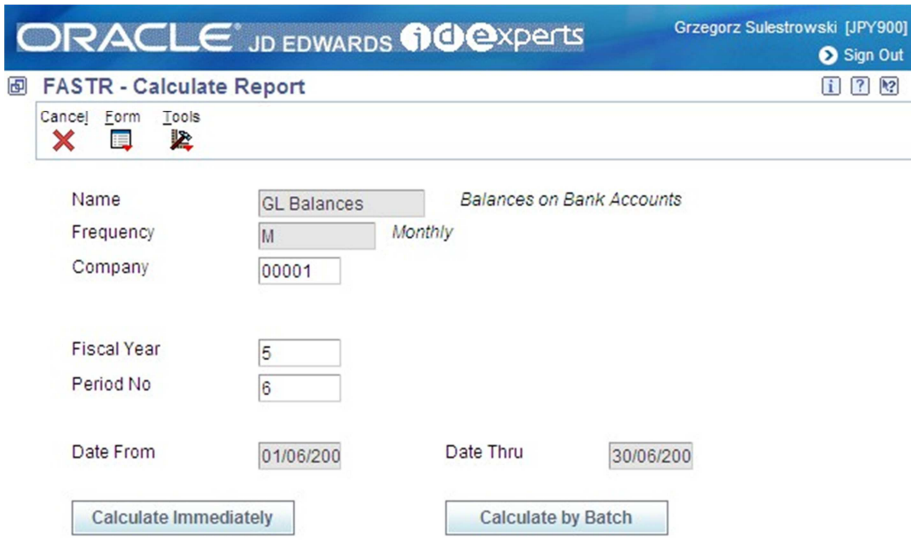

Figure 44. FASTR - Calculate Report.

The **Company**, **Fiscal Year** and **Period** needs to be entered.

For reports of type "F" choose the date range instead.

Click "**Calculate immediately**" to perform the calculation immediately (you will have to wait until the calculation is done).

Choose "**Calculate by Batch**" that will perform the calculation using a batch and also it will print a simplified PDF of the result (you may continue working while the calculation is being processed).

Instead of immediate calculation use **Calculate by Batch** if you expect the calculation will take more than a few seconds. This type of calculation will be done offline by a batch, so the results will not be available immediately but you don't have to wait until the calculation is finished.

Additionally users can review results immediately before publishing the data.

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ul. Migdałowa 4, 02-796 Warszawa
www.jdexperts.pl

On **P59FASTV – JDExperts FASTR – Available Reports** choose **Show Values** from the **Row** menu.

Browse Values screen will be opened.

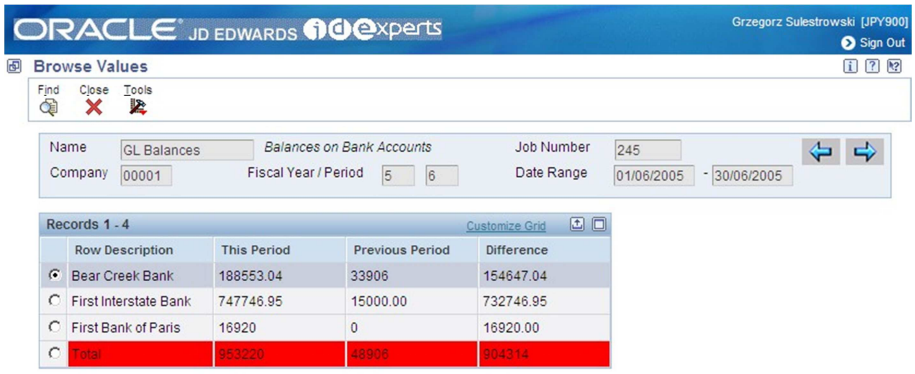

ORACLE JD EDWARDS jdexperts
Grzegorz Sulestrowski [JPY900]
Sign Out
Browse Values
Find Close Tools
Name GL Balances Balances on Bank Accounts
Company 00001 Fiscal Year / Period 5 6
Job Number 245
Date Range 01/06/2005 - 30/06/2005
Records 1 - 4
Customize Grid
Row Description | This Period | Previous Period | Difference
Bear Creek Bank | 188553.04 | 33906 | 154647.04
First Interstate Bank | 747746.95 | 15000.00 | 732746.95
First Bank of Paris | 16920 | 0 | 16920.00
Total | 953220 | 48906 | 904314

Figure 45. Browse Values.

This form can show up to 10 columns only. You may go to next/previous page of columns (using the arrows) but only 10 can be shown at the same time.

After the calculation is processed, click Cancel to return to **P59FASTV – JDExperts FASTR – Available Reports**.

5.1.1 Publishing the data

Once the values are calculated users may need to use the data outside JDE.

To be able to keep the colours of cells and also to export all the calculated columns users may use a special feature that can export the data to a format supported by MS Excel, MS Word or Internet Explorer.

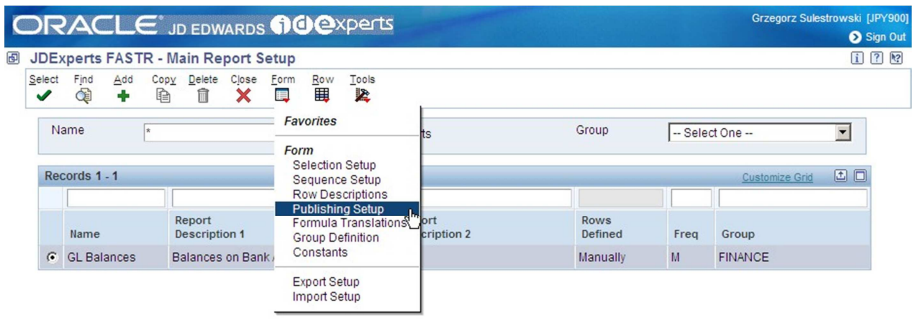


Figure 46. P59FAST – JDExperts FASTR – Main Report Setup. Publishing Setup.

To setup this feature start use **Form/Publishing Setup** on the **P59FAST – JDExperts FASTR – Main Report Setup**. Here you can define all possible common or user related paths where the exported files can be stored.

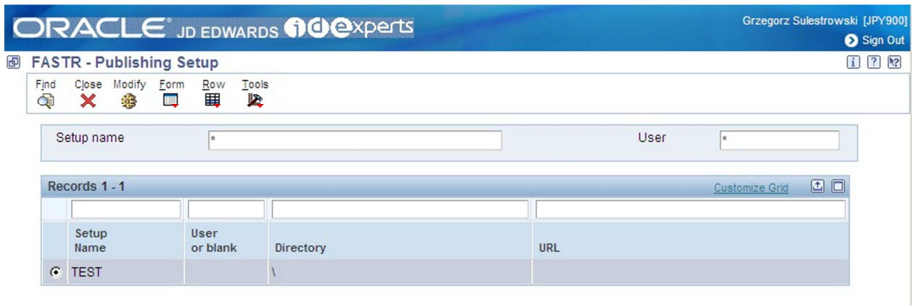


Figure 47. FASTR - Publishing Setup.

All possible common or user related paths where the exported files can be stored can be modified.

Click the "**Modify"** button to revise the **Publishing Setup**.

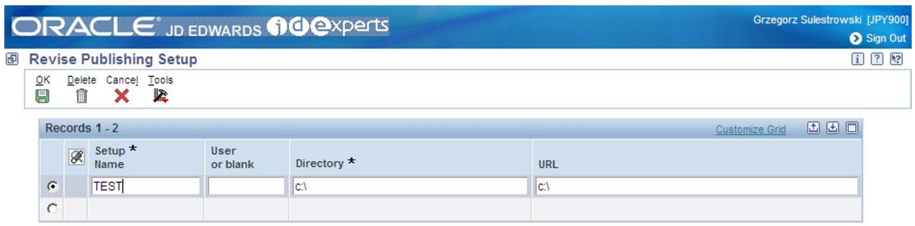


Figure 48. Revise Publishing Setup.

Click the "**OK**" button to save the setup.

As the files are generated on the JDE Enterprise Server, the *Directory* is a folder accessible by Enterprise Server, where the file will be stored.

On the other hand, URL is a link to the directory recognizable by Internet Explorer, this URL will be automatically open when the file is generated.

When the setup is done, users can export the file. On the **P59FASTV – JDExperts FASTR – Available Reports** choose **Export Data** from the **Row** menu.

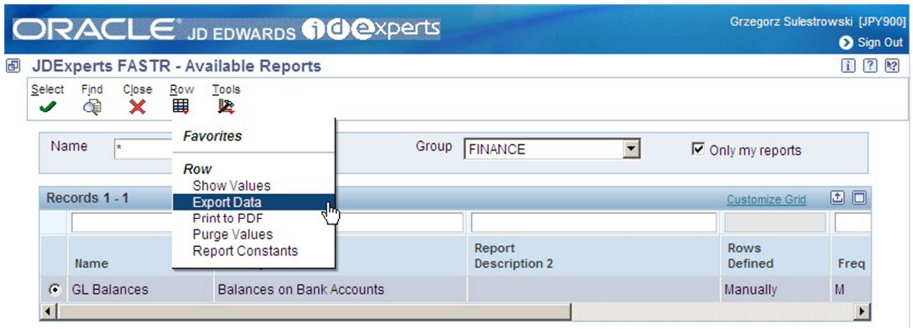


Figure 49. P59FASTV – JDExperts FASTR – Available Reports. Export Data.

Export calculated values screen is opened.

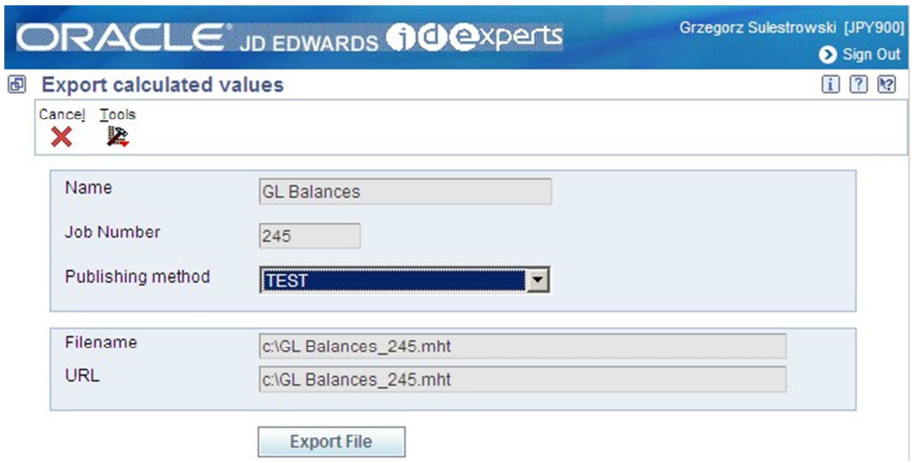


Figure 50. Export calculated values.

Choose publishing method from the list and the system will automatically show the filename (incl. the full path) and also the URL. You may notice that the name of the file is built from the name of the report and from the unique job number, the extension of the file is *mht*.

The Figure 49. shows the generated .mht file.

GL Balances

Company: 00001 - Period/Year: 6/5
Date range: 01-06-2005-30-06-2005

	This Period	Previous Period	Difference
Bear Creek Bank	188553,04	33906	154647,04
First Interstate Bank	747746,95	15000	732746,95
First Bank of Paris	16920	0	16920
Total	953220	48906	904314

Figure 51. Generated MHT file.

Another possibility how to see the calculated values is using PDF report.

This will perform standard UBE print however some values might be trimmed and only up to 12 columns fit on the page.

On the **P59FASTV – JDExperts FASTR – Available Reports** choose **Export Data** from the **Row** menu.

Figure 52. JDExperts FASTR – Available Reports. Print to PDF.

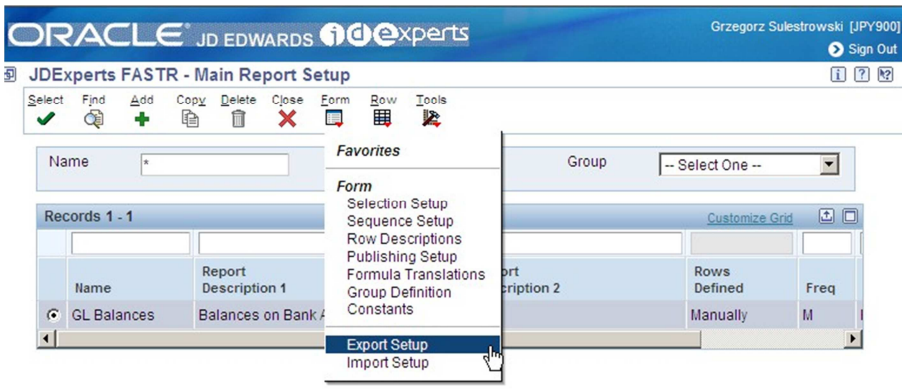
UBE is executed and the PDF is sent to screen or printer depending on the system setup.

Figure 53. Printed PDF.

5.1.2 Export and import of the report setup

In some cases users may need to export or import the setup of reports.

To do so on the **P59FAST – JDExperts FASTR – Main Report Setup** choose **Export Setup** from the **Form** menu.



FASTR – Export Setup for selected records screen is opened.

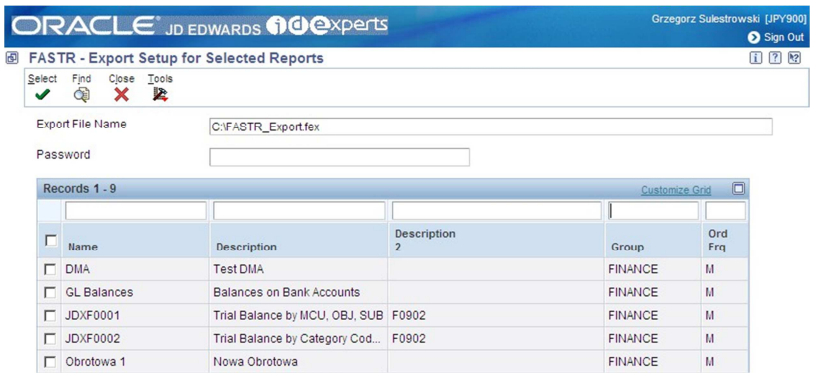


Figure 54. FASTR – Export Setup for selected records.

When exporting choose export file name, type password and select all the report setups to be exported.

Import is done by selecting on the **P59FAST – JDExperts FASTR – Main Report Setup** the **Import Setup** from the **Form** menu.

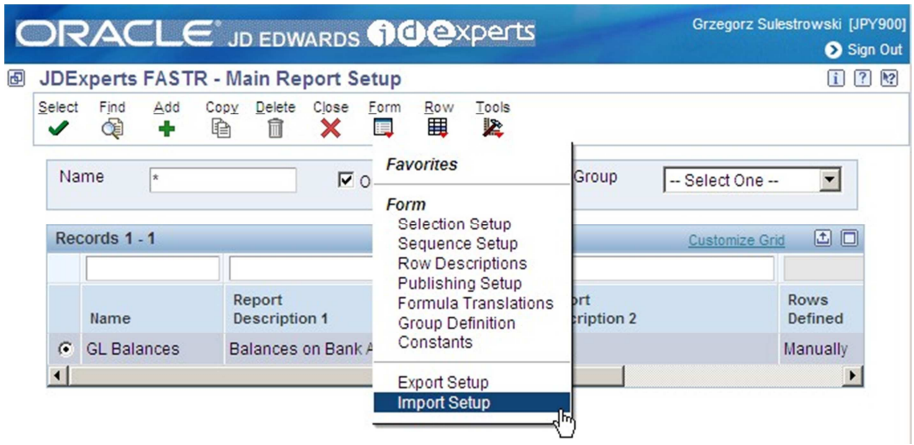


Figure 55. P59FAST – JDExperts FASTR – Main Report Setup. Form - Import Setup.

FASTR – Import Setup screen is opened.

Figure 56. FASTR – Import Setup.

When importing just type the file name and press "Ok".

During the import all duplicates are ignored (no records are updated, if an Insert fails, the message is displayed but the processing continues).

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